**PART 1:**

1. **Project was set up.**

**PART 2.1: (Add this in difference.txt)**

1. **The two types are Implicit and Explicit intent. Explicit intents are used within the application. We can switch from one activity to another activity by our own choice. Implicit intents are used when we want user to choose which application to open that specific activity.**
2. **Explicit intent is more secure. Because of the simple reason that your application is handling the data instead of handing out data to another application and using that application for the work.**
3. **Implicit intent in SecondFragment.kt.**
4. **Explicit intent in ThirtdFragment.kt.**
5. **Explicit intent is the proper way to use in the application as you can modify working and data per your own choice and in more secured way.**
6. **Looking at the code implicit intent is used for browsing gift cards or products through json body. If we want to show json body just like that then we can create activity to print json body collected from get products api. Otherwise just replace the second fragment code with third fragment code which is more reasonable and sensible.**

**PART 2.2:**

1. Commented all the unnecessary intent filters(except launcher app)

**PART 3:**

1. Changed baseurl <http://appsecclass.report> to <https://appsecclass.report> .Replacing http with https in all mentioned classes will do the trick.

**PART 4: (Add this in BUG.txt)**

1. There can be multiple solution to this. Card number should be protected so it should be encrypted and not use in just path query. Secondly, we can add user authorization at the time of using card api so that only rightful users can use their own cards. We can send username and password in the card apis to verify it.

**PART 5:**

1. Commented “Reporter” class as it was not in use. There was no use of sending user’s location and sensor data as it was not required in the scope of the application.
2. Commented User Info interface as it was used only in “Reporter” class.
3. Commented all location permission from “AndroidManifest” file.
4. Commented location and sensor related work from “CardScrollingActivity” and “ProductScrollingActivity”.